Electronic Version
Stylesheet Version v1.1.1

# Claims

[c1] 1.A sealing structure disposed on an organic light emitting display panel, the display panel comprising a substrate and an organic light emitting display unit on the substrate, the sealing structure comprising:
a passivation layer covering the substrate and the organic light emitting display unit, the passivation layer comprising a sealing slot extending through to the surface of the substrate enclosing the organic light emitting display unit;
a container comprising a flat top plate and an extruded side frame surrounding the edge of the top plate, the shape of the side frame corresponding to that of the sealing slot; and
a sealing agent coated on the bottom of the sealing slot for combining the side frame of the container onto the substrate surface in the bottom of the sealing slot.

[c2] 2.The sealing structure of claim 1 wherein the container is a glass container.

[c3] 3.The sealing structure of claim 2 wherein the substrate is a glass substrate.

[c4] 4.The sealing structure of claim 1 wherein the sealing agent comprises a curable material.

[c5] 5.The sealing structure of claim 1 wherein the sealing agent comprises epoxy compounds.

[c6] 6.The sealing structure of claim 1 wherein the passivation layer is a multi-layer stacked structure.

[c7] 7.The sealing structure of claim 1 wherein the passivation layer comprises a silicon oxide material or a silicon nitride material.

[c8] 8.A method of fabricating a sealing structure, the sealing structure disposed on an organic light emitting display panel, the organic light emitting display panel comprising a substrate and an organic light emitting display unit positioned on the substrate, the method comprising the following steps:

providing a container comprising a flat top plate and an extruded side frame surrounding the edge of the top plate;

forming at least a passivation layer covering the organic light emitting display unit and the substrate, the passivation layer comprising a sealing region defined on the surface of the passivation layer enclosing the organic light emitting display unit, the shape of the sealing re-

gion corresponding to that of the side frame;
removing the passivation layer in the sealing region to form a sealing slot through to the surface of the substrate; and
combining the side frame of the container to the surface of the substrate in the bottom of the sealing slot with a sealing agent.

[c9] 9.The method of claim 8 wherein the container is a glass container.

[c10] 10.The method of claim 8 wherein the substrate is a glass substrate.

[c11] 11.The method of claim 8 wherein the sealing agent comprises a curable material.

[c12] 12.The method of claim 8 wherein the sealing agent comprises epoxy compounds.

[c13] 13.The method of claim 11 wherein the method further comprises a curing process to cure the sealing agent for combining the container onto the substrate.

[c14] 14.The method of claim 8 wherein the passivation layer is a multi-layer stacked structure.

[c15] 15.The method of claim 8 wherein the passivation layer comprises a silicon oxide material or a silicon nitride

material.